

Attorney Docket No. CLAR-00200

Remarks:

This Amendment represents a sincere effort to respond to all of the issues raised in the Office Action of August 16, 2004, and to place the claims in condition for allowance or to reduce the issues for appeal and place the claims in better form for appeal.

Status of the Claims

In the application, Claims 1-19 are the only pending claims. All 19 of these claims have been amended, and the total number of pending claims has been reduced from thirty one claims to six claims, a reduction of twenty five claims. Applicant intends this as a sincere effort to advance the prosecution of this application.

In the Office Action of August 16, 2004, all of the claims were rejected under 35 USC 102 over U.S. Patent No. 6,557,029B2, of Szymansky et al. ("Szymansky").

Claim 6 was objected to for the use of the trademark "Windows" without the correct designation. Applicant has amended Claim 6 to correct this.

Claims 1-19, have been amended.

Applicants' Claimed Invention

According to the amended claims, the invention is directed to a device for use in a communication interface for communication between a wireless device and the communication interface, the communication interface being configured to communicate with other devices communicating with a network and configured to facilitate data communication between the wireless device and other devices connected to the network. The network is configured under a network protocol that requires all network devices receive and send data packets related to administrative procedures within the network, such as device naming protocols. The invention includes receiving an initialization packet from a wireless device indicating whether the signal carrying the message is configured under a first protocol, establishing a communication link with the wireless device and establishing another communication link between the wireless device and the network. The system further manages the transmission to the wireless device of authorized communication signals sent from the computer system by receiving and analyzing signals when

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received. Then, the system determines whether the signals received from the network are directed to the wireless device. If they are directed to the wireless device, the system screens the messages to determine whether they are configured under a first protocol to prevent unauthorized signal transmissions to the wireless device. If the messages are directed to the wireless device and are also configured under the first protocol, then the system transmits authorized signals configured under the first protocol to the wireless device according to the first communication protocol. Again, the invention is directed to networks that are configured under a network protocol that requires all network devices receive and send data packets related to administrative procedures within the network, such as device naming protocols. The invention prevents such administrative communications from being transmitted to the wireless device, relieving the wireless device from the burdens of administrative data packets constantly being sent to the wireless device and requiring response, as well as the burdens of storing and processing such data packets.

Response to Claim Rejections

Generally, all 19 claims were found to have steps or functions that were "inherent" in networks or other conventional technologies. Unless the claimed elements are fully disclosed in the reference, it does not anticipate the invention. Furthermore, it is respectfully submitted that the details of the communication functions of the invention are not disclosed, suggested or otherwise "inherent" in Szymansky.

Generally, Szymansky discloses a substantially high level design for a system for distributing messages electronically. The system is described as a method for transmitting graphical images of messages that are scribbled on some type of handheld computer that is configured to support graphically generated notes. The notes are then transmitted among other users in the system by storing the messages in a central location. Aside from general password protection, there is no further communication protocol described, nor is there any specific network communication protocol described. In fact, Szymansky assumes that the communication protocols are NOT novel, but rather comprise conventional methods and technology. No specific protocols are discussed in the patent. In fact, a system configured according to Szymansky would benefit from Applicant's invention as claimed.

Moreover, Szymansky is directed to a network for exchanging graphical information with a network, but there is no mention of administrative operations of the network. The invention as now claimed in the above amendments, in contrast, is directed to networks that burden subscribers of the network with administrative data packets and other communications. Such communications burden the wireless devices by using up their communication bandwidth, storage capacity and processing resources, all of which are limited in wireless devices because of their size and disconnect from peripheral resources that might relieve such burdens. The convenience of hand held wireless devices are always balanced by this draw back. The invention is directed to resolving this burden on the wireless devices' resources by lightening up the data packet load when transmitting data packets to the wireless device, and, more importantly, screening data packets to prevent a large number of unnecessary data packets from being sent to the wireless devices.

So, for example, if the Szymansky system were configured under a Windows™ protocol, it may have a problem of overburdening the wireless devices with administrative data packets, possibly network renaming routines that are often generated in a Windows™ system, and are required to participate as a device on the Windows™ system. According to Szymansky, there is no relief for such an overburdening, as there is no disclosure for filtering such packets out. There is some disclosure pertaining to security and passwords (Col. 4, Lines 1-39), but this level of security is a much higher level, less technically sophisticated than that claimed in the above claims, and only pertains to member access to information stored in the database. The invention, however, offers relief from the administrative communication burden. The invention screens data packets from transmission to the wireless device when they relate to administrative processes, such as renaming protocols that are required in Windows™ based network systems.

All claims have been amended to include limitations directed to the prevention of transmission of administrative data packets to wireless devices, such as renaming protocols. Applicant intends this as a genuine attempt to move the prosecution of this application forward.

Furthermore, Applicants submit that all of the claims as amended are in condition for allowance, and, accordingly, requests their allowance. If the Examiner finds that a telephone conference would expedite the prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided.

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The Commissioner is hereby authorized to charge any additional fees due or credit any overpayment to Deposit Account No. 50-2421.

Sincerely,

Dated: December 13, 2004



David R. Stevens
Reg. No. 38,626

Stevens Law Group
P.O. Box 1667
San Jose, CA 95109
Tel (408) 288-7588
Fax (408) 288-7542